

U.S. EPA NEW ENGLAND CENTER FOR ENVIRONMENTAL INDUSTRY AND TECHNOLOGY (CEIT)

August, 2004

Welcome to EnvirotechNews, a service provided by the Center for Environmental Industry and Technology (CEIT). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnvirotechNews feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnvirotechNews as brief as possible while providing information relevant to your needs.

GOVERNMENT FUNDING OPPORTUNITIES

ENVIRONMENTAL PROTECTION AGENCY

EPA STAR PROGRAM SEEKS PROPOSALS FOR PARTICULATE MATTER RESEARCH CENTERS. RESPONSES DUE 8/31/04. EPA requests proposals for Particulate Matter Research Centers to study priority issues related to airborne particulate matter. \$40 million expected to be available; up to 5 awards anticipated. Institutions of higher education and not-for-profit institutions located in the U.S., and tribal, state and local governments are eligible to apply. For more information, visit http://es.epa.gov/ncer/rfa/2004/2004_pm_research.html

DEPARTMENT OF DEFENSE

DOD 2004.3 SBIR SOLICITATION CLOSES 8/12/04. The DoD agency components participating in this solicitation are: Army, Navy, DARPA, OSD and SOCOM. For more information, visit <http://www.acq.osd.mil/sadbu/sbir/solicitations/sbir043/>

(New) DOD RELEASED ITS 2004.4 SBIR SOLICITATION ON 8/2/04. ACCEPTING PROPOSAL 9/15/04; CLOSES 10/15/04. This solicitation includes topics from the Navy and the Missile Defense Agency (MDA). For more information, visit www.acq.osd.mil/sadbu/sbir/

DEPARTMENT OF ENERGY

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website (<http://e-center.doe.gov>).

(New) DOE ISSUES SOLICITATION FOR CHARACTERIZING COAL UTILIZATION BY-PRODUCTS FROM MERCURY CONTROL FIELD TESTING, SOL# DE-RP26-04NT42110. PROPOSALS DUE 8/24/04. This testing effort will analyze by-products for mercury and other toxic metal releases from mercury control projects awarded by NETL in 2003 and 2004. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

(New) DOE ISSUES A PRESOLICITATION NOTICE FOR RAPIDLY DEPLOYABLE EMERGENCY SPARE TRANSFORMERS, SOL # DE-RP26-04NT42193. EXPECTED RELEASE ON OR ABOUT 9/1/04. DOE NETL on behalf of the Department of Homeland Security intends to issue a competitive solicitation to procure, store, and make preparations for the deployment of EHV transformers appropriately designed to replace damaged EHV transformers at substations on the electrical grid. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

DOE OFFICE OF SCIENCE OFFERS GRANTS, ANNUAL NOTICE DE-FG01-04ER04-02. RESPONSES ACCEPTED THROUGH 9/30/04. DOE announces its continuing interest in receiving grant applications for support of work in the following program areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing Research, Fusion Energy Sciences, Biological and Environmental Research, and Energy Research Analyses. For more information, contact Lori Jernigan at Lori.Jernigan@science.doe.gov or visit <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-04ER04-01/Grant.html>

(New) DOE SEEKS APPLICATIONS FOR THE DEVELOPMENT OF TECHNOLOGIES AND CAPABILITIES FOR COAL ENERGY RESOURCES, SOL# DE-PS26-04NT42249. RESPONSES DUE 10/5/04. DOE NETL is seeking cost-shared applications for energy research and development related activities that promote the efficient and sound production and use of coal. Program areas of interest are: (1) Carbon Sequestration, (2) Power Systems Advanced Research, (3) Coal Fuels and Hydrogen, and (4) Advanced Gasification. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

DOE SOLICITS APPLICATIONS FOR HYDROGEN FUEL RESEARCH, SOL# DE-FG01-04ER04-20. FINAL APPLICATIONS DUE 1/4/05. DOE Office of Basic Energy Sciences announces its interest in receiving grant applications for projects on basic research for the Hydrogen Fuel Initiative (HFI). Areas of focus include: Novel Materials for Hydrogen Storage; Membranes for Separation, Purification, and Ion Transport; Design of Catalysts at the Nanoscale; Solar Hydrogen Production; and Bio-Inspired Materials and Processes. \$12 million expected to be available; multiple awards anticipated. For more information, visit <http://www.science.doe.gov/grants/Fr04-20.html>

DEPARTMENT OF AGRICULTURE

USDA ANNOUNCES AN EMERGENCY PILOT PROGRAM TO PROVIDE GUARANTEED LOANS FOR DEVELOPING RENEWABLE ENERGY SYSTEMS FROM THE USE OF DISEASED LIVESTOCK AS A PROCESS RAW MATERIAL FOR THE ENERGY SOURCE. RESPONSES DUE 8/16/04. This program supports USDA efforts to address the risks associated with Mad Cow Disease. For more information, contact Diane Berger at (202) 720-1400.

USDA 2005 SBIR SOLICITATION CLOSES 8/31/04. For more information, visit <http://www.csrees.usda.gov/fo/fundview.cfm?fonum=1128>

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(New) DHS PHS/NIH OPENED ITS SBIR PHASE I CONTRACT SOLICITATION 8/2/04. CLOSES 11/5/04. Unlike the omnibus NIH SBIR/STTR "Grants" solicitation (which is open all year), the Public Health Service (PHS) 2005-1 SBIR "Contracts" Solicitation is for SBIR only. There are topics from the NIH as well as the CDC. For more information, visit <http://grants.nih.gov/grants/funding/sbir.htm>

NIH, CDC, AND FDA OMNIBUS SBIR/STTR GRANTS SOLICITATION CLOSES 12/1/04. The NIH has announced the release of the PHS 2004-2 SBIR/STTR Grants Solicitation. This omnibus solicitation combines the offerings of the NIH SBIR/STTR, the CDC SBIR and the FDA SBIR programs. Due to the size and complexity of the NIH SBIR/STTR program, the NIH sponsors an annual conference specific to their program needs. For more information, visit www.grants.nih.gov/grants/funding/sbir.htm

HHS FUNDING FOR BIOTERRORISM RESEARCH. The National Institute of Allergy and Infectious Diseases (NIAID) has funding opportunities for bioterrorism related research. These opportunities can be viewed at <http://www2.niaid.nih.gov/Biodefense/Research/funding.htm>

GENERAL SERVICES ADMINISTRATION

GSA SEEKS TO REFRESH FEDERAL SUPPLY SCHEDULE. STANDING SOLICITATION WITH NO CLOSING DATE. GSA seeks to refresh the Building Materials Federal Supply Schedule which includes products in areas including but not limited to: Solar Energy Systems & Lighting Products; Pre-Engineered/Prefabricated Buildings and Structures; and Power Distribution Equipment. For more information, visit <http://www2.eps.gov/spg/GSA/FSS/7FX/7FCI%2DF8%2D03%2D0056%2DB/SynopsisP.html>

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA SBIR/STTR SOLICITATION CLOSES 9/9/04. Although there will be only one solicitation which will combine both the SBIR and STTR components, the review, selection and award processes will be conducted separately for each program. For more information, visit <http://sbir.gsfc.nasa.gov/SBIR/SBIR.html>

NATIONAL SCIENCE FOUNDATION

(New) NSF FY-05 SBIR/STTR SOLICITATION CLOSES 12/8/04. The main topic is Manufacturing Innovation with the following areas of interest: (1) Unit Process Level Technologies, (2) Machine Level Technologies, (3) Systems Level Technologies, and (4) Environmental or Societal Level Technologies. For more information, visit www.eng.nsf.gov/sbir/

STATE AND OTHER ORGANIZATIONS

(Update) THE SACRAMENTO MUNICIPAL UTILITY DISTRICT HAS ISSUED A RENEWABLES POWER PURCHASE REQUEST, SOL# 040055.CJB. BID DUE 8/9/04. This request will help SMUD purchase renewable electric capacity and energy and identify renewable projects to meet its Renewable Portfolio Standard goals and Greenergy® program requirements. For more information, visit <http://www.bids.smud.org/sys/user/Sys056.asp>

THE ROBERT C.BYRD NATIONAL TECHNOLOGY TRANSFER CENTER EMERGENCY RESPONSE TECHNOLOGY (ERT) PROGRAM SEEKS EMERGENCY RESPONSE TECHNOLOGIES. ERT is interested in identifying emerging technologies with applications to the needs of the emergency response community, and in working with developers to commercialize these technologies. Areas of interest include: (1) Biological detection technologies that provide accurate real-time biological detection; (2) Spray solutions that can neutralize chemical and biological contaminants as well as provide a resistant barrier; (3) Colormetric detection capabilities for all chemicals (biological, radiological, and particulates). For more information, visit http://www.nttc.edu/techmart/category.asp?type_id=2

(New) U.S.-EGYPT JOINT FUND ISSUES COMPETITIVE GRANTS TO SUPPORT INTERNATIONAL, COLLABORATIVE PROJECTS IN SCIENCE AND TECHNOLOGY BETWEEN U.S. AND EGYPTIAN COOPERATORS. The Joint Fund receives \$3 million per year to distribute equally between Egyptian and American scientists. Priority areas for research include information technology, environmental technologies, biotechnology, energy, standards and metrology, and manufacturing technologies. For more information, visit <http://www.usembassy.egnet.net/usegypt.htm>

ETV VERIFICATION OPPORTUNITIES

Criteria for participating in the ETV program include a commercially available technology, a willingness to cost-share a portion of the testing costs, a willingness to participate in the study design process, and a commitment to deploy and operate the technology during the verification process. Program benefits to technology developers and vendors include a rigorous testing protocol and a data set collected under field conditions that establish performance; an opportunity to showcase your technology through a well-developed ETV information outreach program; and an accelerated regulatory

acceptance of your technology. ETV has verified 273 technologies. For more information on ETV and their pilots, please visit: www.epa.gov/etv/

ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS FOR THE FOLLOWING TESTS:

Nutrient monitors. Interested vendors should contact Rachel Sell, Battelle, at (614) 424-3579 or sellr@battelle.org.

Portable water detectors for arsenic - Third Round. For more information, contact Patricia White, Battelle, at (781) 952-5279 or whitepj@battelle.org.

Beach monitoring technologies. Interested vendors should contact Amy Dindal, Battelle, at (561) 422-0113 or dindala@battelle.org.

Biosensors. Interested vendors should contact Kathya Mahadevan, Battelle, at (614) 424-3197 or mahadevank@battelle.org.

Cyanide analyzers - second round. Interested vendors should contact Kathya Mahadevan, Battelle, at (614) 424-3197 or ormahadevank@battelle.org.

Mercury continuous emission monitors - third round. Interested vendors should contact Tom Kelly, Battelle, at (614) 424-3495 or kellyt@battelle.org.

Dioxin continuous emission monitors. Interested vendors should contact Ken Cowen, Battelle, at (614) 424-5547 or cowenk@battelle.org.

Multigas emission analyzers - second round. Interested vendors should contact Tom Kelly, Battelle, at (614) 424-3495 or kellyt@battelle.org.

Hydrogen sulfide monitors. Interested vendors should contact Stephanie Buehler, Battelle, at (614) 424-3495, or buehlers@battelle.org.

Multi-parameter water monitors for distribution systems. Interested vendors should contact Ryan James, Battelle, at (614) 424-7954 or jamesr@battelle.org

GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute, is soliciting vendors of the following technologies:

(Updated) Transportation technologies that improve fuel consumption or reduce greenhouse gas emissions from all transportation sectors (i.e., on- and off-road vehicles, light- and heavy-duty vehicles, locomotives, marine vehicles). For more information, contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org

(New) Distributed electrical generation and combined heating/cooling and power technologies. For more information, contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org

(New) Sustainable energy technologies that produce or use sustainable or renewable energy sources. For more information, contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org.

(New) Advanced fossil fuel energy technologies offering improved efficiencies and environmental performance of fossil fuels. For more information, contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org.

DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors to participate

in verification tests of the following technologies:

Arsenic drinking water treatment technologies - third round. Interested vendors should contact Bruce Bartley, NSF, at (734)769-5148 or bartley@nsf.org.

Microbiological reduction or inactivation treatment technologies identified in the DRAFT LT2 ESWTR and needing State of California testing. For more information, contact Bruce Bartley, NSF, at (734) 769-5148 or bartley@nsf.org.

Homeland security building protection treatment technologies - first round. For more information, contact Bruce Bartley, NSF, at (734) 769-5148 or bartley@nsf.org.

ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS
The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

(New) Diesel engine retrofit emissions control technologies that control emissions of particulate matter, nitrogen oxides, hydrocarbons, or carbon monoxide from heavy-duty diesel engines. For more information, contact Andrew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org.

(New) Fabric filter media used in baghouses to control fine particulate matter. For more information, contact Andrew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org.

ETV STAKEHOLDER MEETINGS

For information on upcoming stakeholder meetings, please visit the ETV web site: <http://www.epa.gov/etv/calendar/current.html>

UPCOMING EVENTS

The monthly issue of EnvirotechNews normally contains events listed under this section; however, the events have been deleted for this web site version. If you are interested in receiving information about events on a monthly basis, subscribe to the EnvirotechNews listserver to receive it automatically.

JOINING ENVIROTECHNEWS

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For more information on the Center for Environmental Industry and Technology, please visit our Web Site at www.epa.gov/ne/assistance/ceit.

We hope that you will find this service to be helpful and informative, and look forward to hearing from you. Comments and suggestions are encouraged and can be e-mailed to the listserve.

Thank you,

Maggie Theroux